



**SAFETY DATA SHEET**  
STEAMSEAL

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Revision date: 29/03/2018

Revision No: 8

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

Product name: STEAMSEAL

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Use of substance / mixture: Jointing compound.

**1.3. Details of the supplier of the safety data sheet**

Company name: ROCOL

ROCOL House

Swillington

Leeds

West Yorkshire

LS26 8BS

ENGLAND

Tel: +44 (0) 113 232 2700

Fax: +44 (0) 113 232 2740

Email: [customer-service@rocol.com](mailto:customer-service@rocol.com)

**1.4. Emergency telephone number**

Emergency tel: +44 (0) 113 232 2600

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

Classification under CLP: Acute Tox. 4: H302; Aquatic Chronic 3: H412; STOT RE 1: H372

Most important adverse effects: Harmful if swallowed. Causes damage to organs ([lungs]) through prolonged or repeated exposure ([inhalation (dust/mist)]). Harmful to aquatic life with long lasting effects.

**2.2. Label elements**

Label elements:

Hazard statements: H302: Harmful if swallowed.

H372: Causes damage to organs ([lungs]) through prolonged or repeated exposure ([inhalation (dust/mist)]).

H412: Harmful to aquatic life with long lasting effects.

Hazard pictograms: GHS07: Exclamation mark

GHS08: Health hazard



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**Signal words:** Danger

**Precautionary statements:** P260: Do not breathe dust/fumes/gas/mist/vapours/spray.  
P264: Wash hands thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P301+P312: IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.  
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P314: Get medical advice/attention if you feel unwell.  
P330: Rinse mouth.  
P271: Use only outdoors or in a well-ventilated area.  
P273: Avoid release to the environment.  
P501: Dispose of contents/container to hazardous or special waste collection point.

## 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

##### MANGANESE DIOXIDE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
215-202-6	1313-13-9	-	Acute Tox. 4: H332; Acute Tox. 4: H302	30-50%

##### SILICA FLOUR - REACH registered number(s): EXEMPTED FROM REACH REGISTRATION

238-878-4	14808-60-7	-	STOT RE 1: H372	10-30%
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##### CHINA CLAY - REACH registered number(s): EXEMPTED IN ACCORDANCE WITH ANNEX 7

310-194-1	1332-58-7	Substance with a Community workplace exposure limit.	-	10-30%
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##### WHITE SPIRIT (CONTAINS LESS THAN 0.1% BENZENE) - REACH registered number(s): 01-2119458049-33

919-446-0	64742-82-1	-	Flam. Liq. 3: H226; STOT SE 3: H336; Asp. Tox. 1: H304; Aquatic Chronic 2: H411; STOT RE 1: H372; -: EUH066	1-10%
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##### GRAPHITE POWDER

231-955-3	7782-42-5	Substance with a Community workplace exposure limit.	-	1-10%
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## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water. Obtain medical attention if soreness or redness persists.

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**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

## 4.2. Most important symptoms and effects, both acute and delayed

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

**Inhalation:** Absorption through the lungs can occur causing symptoms similar to those of ingestion.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

## 4.3. Indication of any immediate medical attention and special treatment needed

**Immediate / special treatment:** Not applicable.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.

### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** In combustion emits toxic fumes.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Do not create dust. Mark out the contaminated area with signs and prevent access to unauthorised personnel. If outside do not approach from downwind.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers.

### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Transfer to a closable, labelled salvage container for disposal by an appropriate method.

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## 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Ensure there is sufficient ventilation of the area. Avoid the formation or spread of dust in the air. Avoid direct contact with the substance.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed.

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. Specific end use(s)

**Specific end use(s):** No data available.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

**MANGANESE DIOXIDE**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	-	-	0.05 mg/m <sup>3</sup>	-

**SILICA FLOUR**

EU	-	-	0.1 mg/m <sup>3</sup>	-
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**WHITE SPIRIT (CONTAINS LESS THAN 0.1% BENZENE)**

UK	100 ppm / 575 mg/m <sup>3</sup>	125 ppm / 720 mg/m <sup>3</sup>	-	-
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### DNEL/PNEC Values

**Hazardous ingredients:**

**WHITE SPIRIT (CONTAINS LESS THAN 0.1% BENZENE)**

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	330 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Dermal	44 mg/kg bw/day	Workers	Systemic

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Respiratory protection not normally required for normal use in well ventilated areas. Suitable mask if dust/fumes present in significant quantities. Respiratory protective device with particle filter. Particle filter class P2SL (EN143). Gas/vapour filter, type A: organic vapours (EN141).

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**Hand protection:** Protective gloves. Nitrile gloves.

**Eye protection:** Safety glasses with side-shields. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

**Environmental:** No data available

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**State:** Paste

**Colour:** Dark brown

**Odour:** Perceptible odour

**Evaporation rate:** Negligible

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Insoluble

**Viscosity:** Highly viscous

**Boiling point/range°C:** No data available.

**Melting point/range°C:** No data available.

**Flammability limits %: lower:** No data available.

**upper:** No data available.

**Flash point°C:** >93

**Part.coeff. n-octanol/water:** No data available.

**Autoflammability°C:** > 200

**Vapour pressure:** No data available.

**Relative density:** 1.86

**pH:** Approx. 7

**VOC g/l:** 30g/kg

### 9.2. Other information

**Other information:** No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat.

### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes.

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## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Hazardous ingredients:**

#### MANGANESE DIOXIDE

ORL	RAT	LD50	>3478	mg/kg
SCU	MUS	LD50	422	mg/kg

#### WHITE SPIRIT (CONTAINS LESS THAN 0.1% BENZENE)

DERMAL	RAT	LD50	> 3400	mg/kg
ORAL	RAT	LD50	> 15000	mg/kg
VAPOURS	RAT	4H LC50	> 13100	g/l

**Relevant hazards for product:**

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	ING	Hazardous: calculated
STOT-repeated exposure	-	Hazardous: calculated

### Symptoms / routes of exposure

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

**Inhalation:** Absorption through the lungs can occur causing symptoms similar to those of ingestion.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

## Section 12: Ecological information

### 12.1. Toxicity

**Hazardous ingredients:**

#### CHINA CLAY

ALGAE	72H IC50	> 1000	mg/l
DAPHNIA	48H EC50	> 1000	mg/l
FISH	96H LC50	> 1000	mg/l

### 12.2. Persistence and degradability

**Persistence and degradability:** Biodegradable in part only.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No bioaccumulation potential.

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## 12.4. Mobility in soil

**Mobility:** Non-volatile. Absorbed only slowly into soil.

## 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

## 12.6. Other adverse effects

**Other adverse effects:** Harmful to aquatic organisms.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Recovery operations:** No data available

**Waste code number:** 08 04 09

**Disposal of packaging:** Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

**Transport class:** This product does not require a classification for transport.

## Section 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**Specific regulations:** No data available

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

Compiled in accordance with REACH.

**Phrases used in s.2 and s.3:** EUH066: Repeated exposure may cause skin dryness or cracking.

H226: Flammable liquid and vapour.

H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H332: Harmful if inhaled.

H336: May cause drowsiness or dizziness.

H372: Causes damage to organs ({{{0}}}|message=<or state all organs affected, if

[cont...]

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known>|||filter=(\_)?ORGAN\_.+}}}) through prolonged or repeated exposure ({{{1|||  
message=<state route of exposure if it is conclusively proven that no other routes of  
exposure cause the hazard>|||filter=(\_)?EXP\_ROUTE\_.+}}}).

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.